

BARANOV, Yu.B., inzh.

Traction of fiction-type hauling machines. Turdy VNIRO 1 no.1:3-62 '59.
(MIRA 15:10)
(Fishing—Equipment and supplies)

STREPIKHEYEV, Yu.A.; KARETNIKOV, G.S.; BARANOV, Yu.I.

Use of the ITR-1 interferometer for determining the hydrochloric
acid content of phosgene. Zav.lab. 28 no.3:314-315 '62
(MIRA 15:4)

(Phosgene) (Hydrochloric acid) (Interferometry)

STREPIKHEYEV, Yu.A.; BARANOV, Yu.I.; BURMISTROVA, O.A.

Determination of the heats of combustion and heat capacities
of some mono- and diisocyanates. Izv.vys.ucheb.zav.;khim.i
khim.tekh. 5 no.3:387-390 '62. (MIRA 15:7)

1. Moskovskiy khimiko-tekhnologicheskii institut imeni
Mendeleeva, kafedra fizicheskoy khimii.
(Isocyanates--Thermal properties)

BARANOV, Yu.I.; KOSTOUSOV, N.L.; MINYAYEV, V.A.; YEMEL'YANOV, V.P.

In rolling mills across the land. Metallurg 8 No.3:32-34 Mr.'63.
(MIRA 16:3)

1. Severskiy metallurgicheskiy zavod (for Baranov, Kostousov, Minyayev). 2. Magnitogorskiy metallurgicheskiy kombinat (for Yemel'yanov).

(Rolling mills—Equipment and supplies)

BARANOV, Yu.I.; KOSTOUSOV, N.P.; MINYAYEV, A.A.; SHIROKOV, S.P.

Magnetic device for handling billets. Metallurg 8 no.6:33
Ja '63. (MIRA 16:7)

1. Severskiy metallurgicheskiy zavod.
(Rolling (Metalwork)) (Materials handling)

BARANOV, Yu.I.; KOSTOUSOV, N.L.

Automatic temperature control of reduction gear and engine bearings
of the main drive of rolling mills. Stal' 23 no.7:640 J1 '63.
(MIRA 16:9)

(Rolling mills--Electric driving)
(Automatic control)

BARANOV, Yu.I., inzh.; KOSTOUSOV, N.L., inzh.; STEPANOV, V.I., inzh.

Remote-controlled fuel supply at a gas-generator station.
Mekh. i avtomat. proizvod. 17 no.8:13-15 Ag '63. (MIRA 16:10)

BARANOV, Yu.I.; KOSTOMISOV, N.L.

Controlling open-hearth furnace gates from the charging machine.
Stal' 23 no.9:793-799 S '63.

(MIRA 16:10)

BARANOV, Yu.I.; KOSTOUSOV, N.L.

Automatic dewatering of mazut. Stal' 23 no. 3:279 Mr '64.
(MIRA 17:5)

1. Severskiy metallurgicheskiy zavod.

GONCHARENKO, D.I., kand.tekhn.nauk; DROZDOV, V.L., inzh.; NOVIKOV, Yu.A., inzh.;
BRODSKIY, V.Sh., inzh.; PETRENKO, S.Ya.; BARANOV, Yu.I.

Scraper-plow extraction of very thin and outbreak-prone coal seams.
Ugol' 40 no.9:38-40 S '65. (MIRA 18:10)

1. Donetskij nauchno-issledovatel'skiy ugol'nyy institut (for
Goncharenko, Drozdov, Novikov, Brodskiy). 2. Upravlyayushchiy
trestom Proletarskugol' (for Petrenko). 3. Glavnyy inzh. shakhty
"Mushketovskaya-Vertikal'naya" trеста Proletarskugol' (for
Baranov).

BARANOV, Yu. K.

BARANOV, Yu. K., kandidat tekhnicheskikh nauk; SHCHEGOLEV, Ye. Ya., redaktor
FLAUM, M. Ya., tekhnicheskiiy redaktor

[Using zonal radio-range beacons to determine a ship's location at
sea] Ispol'zovanie sektornykh radiomaiakov dlia opredeleniia mesta
sudna v more. Leningrad, Gos. izd-vo vodnogo transp., 1953. 61 p.
(Radio in navigation) (MLRA 7:9)

1. BARANOV, Yu. [K]
2. USSR (600)
4. Navigation
7. Analytic method for computing the location of a ship at sea when determining it by the bearings of sector radio-range beacons. Mor. flot 13, No. 4, 1953.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

BARANOV Yu. K.

DREMLYUG, Valentin Valentinovich; OL'KHOVSKIY, Vladimir Yevgen'yevich;
NEMCHIKOV, V.I., redaktor; VOLCHOK, K.M., tekhnicheskiy redaktor;
BARANOV, Yu.K., kandidat tekhnicheskikh nauk, retsenzent.

[Oceanography in the service of modern navigation] Okeano-
grafiia na sluzhbe sovremennogo sudovozhdeniia. Leningrad,
Gos. izd-vo vodnogo transporta, Leningradskoe otdeleniie, 1954.
155 p. (Ocean) (Navigation) (MLRA 7:12)

BARANOV, Yu. [K.]

BARANOV, Yu., kandidat tekhnicheskikh nauk.

Nautical instrument "Vega". Mor. i rech. flot 14 no.7:12-14 J1 '54.
(Nautical instruments) (MIRA 7:7)

BARANOV, Yu. [K] kandidat tekhnicheskikh nauk.

Simplified method of calculating the error in determining the location
of a ship by radio bearings. Mor.flot 15 no.2:14-15 F '55.
(Radio in navigation) (MLRA 8:5)

AVERBAKH, Nikolay Valdimirovich; BARANOV, Yu.K., redaktor; ALEKSEYEV, A.I.,
redaktor izdatel'stva; LAVRENOVA, N.B., tekhnicheskii redaktor

[The use of radar in navigation] Ispol'zovanie radiolokatsionnoi
stantsii v sudovozhdenii. Moskva, Izd-vo "Morskoi transport,"
1956. 50 p. (MLRA 10:3)

(Radar in navigation)

BARANOV, Yuriy Konstantinovich, dotsent; LESKOV, Mikhail Mikhaylovich,
dotsent; YUSHCHENKO, Artemiy Pavlovich; KOZHUKHOV, V.P., redaktor;
KUZNETSOV, D.A., redaktor izdatel'stva; PETERSON, M.M., tekhnicheskii redaktor

[Modern methods of navigation; a manual for captains] Sovremennye sposoby navigatsii; uchebnoe posobie kapitanam. Leningrad, izd-vo "Morskoi transport," 1956. 122 p. (MLRA 10:9)
(Navigation)

Baranov, Yuriy Konstantinovich

Sovremennyye sposoby navigatsii BY Yu. K.

Baranov, M.M. Leskov and A.P. Yushchenko. Leningrad,
Izd-vo "Morskoy Transport", 1956.

122 p. Diagr., Graphs, maps, Tables. 22cm.

Bibliograph: p. 120-121.

SHCHEGOLEV, Yevgeniy Yakovlevich, professor, doktor tekhnicheskikh nauk [deceased];
KOZHUKHOV, Valentin Petrovich, redaktor; KERSHAKOV, A.V., retsenzent;
BARANOV, Yu.K., retsenznet; SANDLER, N.V., redaktor izdatel'stva;
PETERSON, M.M., tekhnicheskiiy redaktor

[Electronics in ship navigation] Radiotekhnicheskie sredstva
morskogo sudovozhdeniia. Leningrad, Izd-vo "Morskoi transport,"
1956. 569 p. (MLRA 10:5)
(Electronics in navigation)

BARANOV, Yu., kandidat tekhnicheskikh nauk.

Method of determining the position of a ship by graphs and tables
according to the bearings of sector radiobeacons. Mor.flot 16 no.11:9.
10 N '56. (MIRA 10:1)

1. Leningradskoye Vyssheye inzhenernoye morskoye uchilishche.
(Radio beacons) (Navigation)

Baranov, Yu.K.

AVERBAKH, N.V.; BARANOV, Yu.K.

[Determining maneuvering elements of seagoing vessels and log
correction] Opredelenie manevrennykh elementov morskogo sudna i
popravki laga. Leningrad, Izd-vo "Morskoi transport," 1957. 52 p.
(Navigation) (MIRA 11:2)

PHASE I BOOK EXPLOITATION

1024

Baranov, Yuriy Konstantinovich

Ispol'zovaniye sektornykh radiomayokov v sudovozhdenii (Using Sectoral Radio-range Beacons for Ship Navigation) 2d ed., rev. and enl. Leningrad, Izd-vo "Morskoy transport," 1958. 83 p. 3,000 copies printed.

Ed.-Specialist: Gamov, A.G.; Ed. of Publishing House: Kuznetsov, A.D.; Tech. Ed.: Kotlyakova, O.I.

PURPOSE: This textbook was approved by the OUZ (Department of Educational Institutions) of the Ministry of the Navy, USSR, for advanced courses for command personnel. It may also serve as a practical guide for ship pilots, and navigation officers.

COVERAGE: The author describes the operating principles, technical data and practical applications of sectoral radio-range beacons (consol-type radio-navigation systems). No personalities are mentioned. There are 14 references, of which 8 are Soviet, 4 English, 1 French and 1 Chinese.

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Bibliography

86

AVAILABLE: Library of Congress

Card 3/3

JP/sfm
1-7-59

9(2)

05920

SOV/107-59-7-23/42

AUTHOR: Baranov, Yu. (RA3ADK)

TITLE: A 420 Mc Transmitter

PERIODICAL: Radio, 1959, Nr 7, pp 25 - 26 and p 30 (USSR)

ABSTRACT: The author describes a UHF transmitter working on 420-425 Mc. The push-pull oscillator is composed of two 6S1Zh tubes. A membrane-type variable capacitor is used in the anode circuit for tuning. The first two stages of the modulator consist of one 6N1P tube, while a 6P1P is used in the output of the modulator stage. The modulator is a conventional l-f amplifier which will work with a dynamic or a crystal mike. The circuit diagram is shown in Figure 1. The transmitter may be installed in an aluminum housing of 165x90x70 mm. A rectifier supplies 210 volts anode voltage and a current of not less than 100 milliamps. A half-wave antenna with a corner reflector is used as shown in Figure 4. There are 4 diagrams, 1 circuit diagram, and 1 Soviet reference.

Card 1/1

BARANOV, Yu., dots.

Determining flow elements with the aid of radar. Mor.flot 19 no.1:37
Ja '59. (MIRA 12:3)

1. Leningradskoye vyssheye inzhenernoye morskoye uchilishche im.
admirala Makareva.
(Radar in navigation)

BARANOV, Yuriy Konstantinovich; LESKOV, Mikhail Mikhaylovich; YUSHCHENKO, Artemiy Pavlovich; MATYUSHINA, S.P., red.; LAVRENOVA, N.B.,
tekhn. red.

[Modern methods of navigation] Sovremennyye sposoby navigatsii.
Izd.2., ispr. i dop. Moskva, Izd-vo "Morskoi transport," 1961.
181 p.

(Navigation)

(MIRA 14:9)

AVENBAKH, Nikolau Vladimirovich; BARANOV, Yuriy Konstantinovich;
GAMOV, A.G., red.; STUL'CHIKOVA, N.P., tekhn. red.

[Determining the maneuvering properties of a seagoing vessel
and log corrections]Opredelenie manevrennykh elementov morskogo
sudna i popravki laga. Leningrad, Izd-vo "Morskoi transport,"
1962. 75 p. (MIRA 15:11)

(Ship trials) (Logbooks)

YERMOLAYEV, German Grigor'yeovich, dots., kand. fiz.-matem. nauk; BARANOV,
Yu.K., retsenzent; KHACHATUROV, V.V., red.; LAVRENOVA, N.B. tekhn.red.

[Plotting radio bearings on marine charts] Prokladka radio-
pelengov na morskoi karte; uchebnoe posobie dlia sudovodi-
tel'skikh fakul'tetov vysshikh inzhenernykh morskikh uchi-
lishch MMF. Moskva, Izd-vo "Morskoi transport," 1962. 84 p.
(Radio in navigation) (Nautical charts) (MIRA 15:11)

BARANOV, Yu.K., dotsent, kand.tekhn.nauk; AVERBAKH, N.V., assistant

Length of the path traveled to determine log corrections and the speed of a vessel with the help of a ship's radar. Sudovozhdenie no.2:111-115 '62. (MIRA 17:4)

1. Kafedra sudovozhdeniya Leningradskogo vysshego inzhenernogo morskogo uchilishcha im. admirala Makarova.

BARANOV, Yu.K., dotsent, kand.tekhn.nauk

"A method of computing observation errors" by IU.N.Sychev. Reviewed
by IU.K.Baranov. Sudovozhdenie no.2:139-140 '62. (MIRA 17:4)

BARANOV, Yu.K., dotsent, kand.tekhn.nauk

Making use of infrared techniques in navigation. Sudovozhdenie
no.3:87-89 '63. (MIRA 17:5)

1. Kafedra sudovozhdeniya Leningradskogo vysshogo inzhenernogo
morskogo uchilishcha imeni admirala Makarova.

BARANOV, Yuriy Konstantinovich; MESHKOV, O.I., red.; TIKHONOVA,
Ye.A., tekhn. red.

[Use of radio in navigation] Ispol'zovanie radiotekhnicheskikh
sredstv v sudovozhdenii. Moskva, Izd-vo "Morskoï transport,"
1963. 147 p. (Radio in navigation) (MIRA 16:7)

BARANOV, Yu., dot. MURMANSKIY, F., assistant

Results of operating the training ship "Zenit" [Zenith].
Mr. flot 23 no.7:13-14 J1 '63. (MIRA 16:8)

1 Leningradskoye vyssheye inzhenernoye morskoye uchilishche
1 . admiral Makarova.

BARANOV, Yuriy Konstantinovich; LESKOV, Mikhail Mikhaylovich;
NESHEKOV, O.I., red.

[Collection of problems on the use of radar in the prevention of ship collisions] Sbornik zadach po ispol'zovaniyu radioelektrona dlia preduprezhdeniya stolknovenii sudov.
Moskva, Transport, 1964. 60 p. (MIRA 18:6)

Видеофильм, снятый в 1964 году, в котором, как сообщается, изображены
объекты, связанные с деятельностью в области разведки.

Изучение содержания фильма и его сюжета и выяснение
истории его создания. В частности, о нем упоминается в документах
№ 57-164. (СЛ 18:3)

1. В фильме, снятом в 1964 году, в котором, как сообщается, изображены
объекты, связанные с деятельностью в области разведки.

YUSHCHENKO, Artemiy Pavlovich; LESHOV, Mikhail Mikhaylovich.
Prinimal uchastiye BARANOV, Yu.K., dots.; SERKO, G.S.,
red.

[Navigation] Navigatsiia. Moskva, Transport, 1965. 410 p.
(MIRA 18:10)

BARANOV, Yu.N.

Manifestation of the weathering surface of the Arctic Grad
Mountains. Dokl. Akad. Nauk SSSR, 1967, 261-268, 164.

(NISA 18:9)

BARANOV, Yu.N.

Linear velocity of the blood stream in the organism during artificial circulation. Eksper.khir. 4 no.5:38-43 S-O '59. (MIRA 13:1)

1. Iz kafedry klinicheskoy fiziologii (zav. - deystvitel'nyy chlen AMN SSSR prof. V.V. Parin) Tsentral'nogo instituta usovershenstvovaniya vrachey i iz Instituta eksperimental'noy biologii i meditsiny SO AN SSSR (dir. - prof. Ye.N. Meshalkin).
(HEART, MECHANICAL)
(BLOOD CIRCULATION, physiol.)

L 27351-66 EWT(m)/T/ETC(m)-6 WW/DJ
ACC NR: AP6007712 SOURCE CODE: UR/0413/66/000/003/0105/0106

AUTHORS: Kholmkvist, V. A.; Slepov, L. M.; Baranov, Yu. N.; Pekov, A. V.; Tomilin, V. S.

ORG: none

TITLE: Ball bearing. ^γ Class 47, No. 178618

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 3, 1966, 105-106

TOPIC TAGS: ball bearing, antifriktion bearing

ABSTRACT: This Author Certificate presents a ball bearing for axial motion, consisting of a body with a closed channel which is filled with balls. To increase accuracy and reliability of the connection, the bearing body is constructed of several sections connected by a fixture. The sections fit into openings in the latter and interact with its bearing surfaces through inserts (see Fig. 1). To prevent the balls from falling out when the shaft is removed, an additional feature provides each section with two limiting plates which have inclined edges directed toward the balls.

Card 1/2

UDC: 621.822.76
62-229.314

L 27351-66

ACC NR: AP6007712

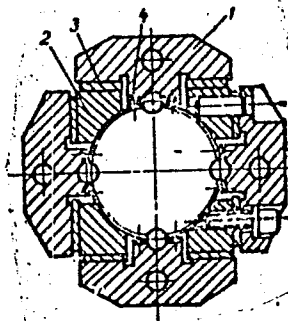


Fig. 1. 1 - section; 2 - fixture;
3 - inserts; 4 - limiting plates.

Orig. art. has: 1 figure.

SUB CODE: 13/ SUBM DATE: 14Sep64

Card 2/2

RB

BARANOV, Yuriy Petrovich; SHTYMENKO, Nadezhda Ivanovna; SMAGORINSKIY,
B.S., red.; BURYANOV, N.S., tekhn. red.

[Plant of communist labor] Zavod kommunisticheskogo truda.
Volgograd, Volgogradskoe knizhnoe izd-vo, 1962. 68 p.
(MIRA 16:4)
(Volgograd—Cement industries)

L 00682-67 EWT(1)

ACC NR: AP6005306

SOURCE CODE: UR/0413/66/000/001/0040/0041

AUTHORS: Saprykin, V. S.; Baranov, Yu. V.; Belyakov, A. S.; Leont'yev, M. Ya.; Polyakov, V. V.; Potnevskiy, A. M.; Morozkin, B. S.

ORG: none

TITLE: A coaxial switch.²⁵ Class 21, No. 177478

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 1, 1966, 40-41

TOPIC TAGS: electronic switch, coaxial cable

ABSTRACT: This Author Certificate presents a coaxial switch fitted with connectors mounted in the front part of the switch casing. These connectors are used for connecting the coaxial lines which are switched. The switch also contains an element connected with the switching mechanism and with the catches of the switch operating positions. The design increases the quality of the connecting contacts. An ungrounded section of a nonsymmetrical strip line is used as the switching element. This ungrounded section rests on the contact disks connected with the central pin of the connectors. The switching mechanism is fitted with a ring containing a spring-loaded rod which rests on one of the small balls of the catch. A bushing is mounted on the rod and is rigidly connected to the dielectric holder of the switching mechanism (see Fig. 1). A second spring-loaded small ball of the catch is mounted

Card 1/2

UDC: 621.316.544.9

Card 2/2 fv

AKUMUSHKIN, I.I.; BARANOVA, Z.I.; BRODSKIY, K.A.; VIRKETIS, M.A.;
VOLODCHIKO, N.I.; GALKIN, Yu.I.; GUR'YANOVA, Ye.F.; DOGEL'
V.A.; D'YAKONOV, A.M.; ZEVINA, G.B.; IVANOV, A.V.; KIR'YANOVA,
Ye S.; KOPYAKOVA, Z.I.; KOLTUN, V.M.; KONZHUKOVA, Ye.D.;
KOROTKEVICH, V.S.; KLYUGE, G.A.; LOZINA-LOZINSKIY, L.K.;
LOMAKINA, N.B.; NAUMOV, D.V.; PERGAMENT, T.S.; RYSHETNYAK,
V.V.; SAVIL'YEVA, T.S.; SKARLATO, O.A.; SOKOLOV, I.I.;
STRELKOV, A.A.; TARASOV, N.I.; USHAKOV, P.V.; SHCHEDRINA, Z.G.
YAKOVLEVA, A.M.; USHAKOV, P.V., obshchiy rukovoditel';
PAVLOVSKIY, Ye.N., akademik, redaktor; STRELKOV, A.A. redaktor;
BRODSKIY, K.A., redaktor; ARONS, R.A., tekhnicheskii redaktor.

[Atlas of invertebrates of the Far East seas of the U.S.S.R.]
Atlas bespozvonochnykh dal'nevostochnykh morei SSSR. Moskva,
Izd-vo Akad.nauk SSSR, 1955. 240 p., 66 plates. (MLRA 8:10)

1. Akademiya nauk SSSR. Zoologicheskii institut,
(Soviet Far East--Invertebrates)

BARANOVA, Z.I.

New species and subspecies of Echinodermata from the Bering Sea.
Trudy Zool. inst. 18:334-342 1955. (MIRA 9:2)
(Bering Sea--Echinodermata)

L 00682-67 EWT(1)

ACC NR: AP6005306

SOURCE CODE: UR/0413/66/000/001/0040/0041

AUTHORS: Saprykin, V. S.; Baranov, Yu. V.; Belyakov, A. S.; Leont'yev, M. Ya.; Polyakov, V. V.; Potnevskiy, A. M.; Morozkin, B. S.

ORG: none

TITLE: A coaxial switch.¹⁵ Class 21, No. 177478

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 1, 1966, 40-41

TOPIC TAGS: electronic switch, coaxial cable

ABSTRACT: This Author Certificate presents a coaxial switch fitted with connectors mounted in the front part of the switch casing. These connectors are used for connecting the coaxial lines which are switched. The switch also contains an element connected with the switching mechanism and with the catches of the switch operating positions. The design increases the quality of the connecting contacts. An ungrounded section of a nonsymmetrical strip line is used as the switching element. This ungrounded section rests on the contact disks connected with the central pin of the connectors. The switching mechanism is fitted with a ring containing a spring-loaded rod which rests on one of the small balls of the catch. A bushing is mounted on the rod and is rigidly connected to the dielectric holder of the switching mechanism (see Fig. 1). A second spring-loaded small ball of the catch is mounted

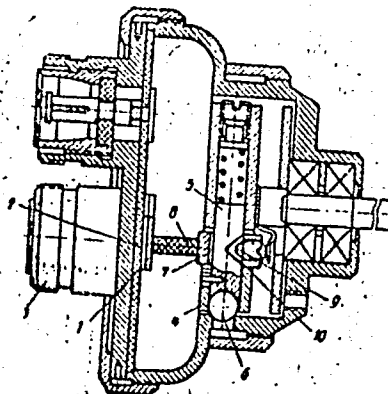
Card 1/2

UDC: 621.316.544.9

L 00682-67

ACC NR: AP6005306

Fig. 1. 1 - ungrounded section of a nonsymmetrical strip line; 2 - contact disks; 3 - connector; 4 - ring; 5 - spring-loaded rod; 6 - small ball of the catch; 7 - bushing; 8 - dielectric holder; 9 - spring-loaded small ball; 10 - triangular groove



in the radial channel of the ring. This ball enters in the triangular groove located on the lateral surface of the rod. Orig. art. has: 1 figure.

SUB CODE: 09/ SUBM DATE: 16Sep64

Card 2/2 fv

BARANOVA, Z.I.

Echinodermata of the Bering Sea. Issl. dal'nevost. mor. SSSR no.4:
149-266 '57. (MLRA 10:4)

1. Zoologicheskiy institut AN SSSR.
(Bering Sea--Echinodermata)

Baranova, Z.I.

BARANOVA, Z.I.

A.M.D'iakonov; obituary (1886-1956). Zool.zhur. 36 no.10:1590-1592
O '57.

(MIRA 10:11)

(D'iakonov, Aleksandr Mikhailovich, 1886-1956)

(Bibliography--Echinodermata) (Bibliography--Insects)

ZHEMCHUZHAY, Ye.; MEYLAKHS, M., master sporta, rekordsmen SSSR; BARANOVA, A.

Facts, events, people. Kryl.rod. 11 no.7:12-13 JI '60.

(MIRA 13:7)

1. Inzhener otdela obsluzhivaniya Aeroflota (for Zhemchuzhnaya).
(Aeronautics)

LITKENS, S.; SHIBANOV, A.; KOROSTELEV, B.; LYUBIMOVA, Vera;
DMITRIYEVA, Lena; OZEROV, Misha; BARANOVA, A.

It happens that... IUn.nat. no.1:30-32 Ja '63. (MIRA 16:1)
(Nature study)

BARANOVA, A.A.

Work of the Design Office in the Zaporozhye Refractories Plant.
Ogneupory 27 no.2:71-72 '62. (MIRA 15:3)

1. Zaporozhskiy ogneupornyy zavod.
(Zaporozhye--Refractories industry)

STEPANOVA, A.M.; BARANOVA, A.A.

Use of the products of the photochemical phase of photosynthesis in the absence of carbon dioxide for the nitrate and nitrite reduction by *Chlorella* cells. Vest. LGU 20 no.21:124-138 '65. (MIRA 18:12)

MOLDAVER, T.I.; BARANOVA, A.B.

Drop method for determining the thickness of coatings. Zav.lab.
22 no.5:613 '56. (MLRA 9:8)
(Chemistry, Technical)

BARANOVA, A. D.: Master Med Sci (diss) -- "Inflammatory diseases of the maxillary sinuses of children. (Clinical-X-ray investigation)". Moscow, 1958.

11 pp (Min Health RSFSR, Moscow Med Stomatological Inst), 200 copies (KL, No 6, 1959, 142)

BARANOVA, A.D.

Radiographic method of studying the maxillary sinuses in children.
Zhur. ush., nos. i gorl. bol. 20 no.1:66-69 Ja-F '60.

(MIRA 14:5)

1. Iz rentgenologicheskogo otdelaniya (zav. - prof. G.M.Zemtsov)
Nauchno-issledovatel'skogo instituta ukha, gorla nosa Ministerstva
zdravookhraneniya RSFSR.

(NOSE, ACCESSORY SINUSES OF—RADIOGRAPHY)

BARANVA, A.G.; FEDOTOV, I.I. (Kazan')

Developing creative initiative in students. Mat. v shkole no.4:
18-20. 11-12 '63. (SER. 16:9)
(Mathematics--Study and Teaching)

BARANOVA, A. G.

Baranova, A. G. "Tumors of the upper lung furrow of 'Peekost'", Trudy Akad. med. nauk
SSSR, Vol. I, 1949, p. 101-04; --Bibliog: p. 107

SO: U-411, 17 July 1953, (Letopis 'Zhurnal 'nykh Statist, no. 20, 1949)

BARANOVA, A. G.

Bronchi - Cancer

Cancer of the bronchi and lungs. Novosti med., No. 21, 1951.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, ²Unclassified.

BARANOVA, A.G.

Problem of so-called eosinophilic granuloma of the
bone. Vest. rentg., Moskva No.2:65 Mar-April 1953.

(GML 25:5)

1. Scientific Associate. 2. Of the Roentgenological
Division of the Institute of Oncology (Director -- Prof.
A.I. Serebry), Academy of Medical Sciences USSR.

BARANOVA, A.G.

Remark on prof. A.V. Grinberg's article "Roentgenologic observations
of experimental osteodystrophia fibrosa in lead poisoning. Vest.
rent. i rad. no. 6:95 Ja-F '54. (MLBA 7:1)
(Lead--Poisoning) (Bones--Diseases) (Grinberg, A.V.)

BARANOVA, A.G.

BARANOVA, A.G. (Leningrad)

Notes on Prof. S.A.Reinberg's article "Difficulties in differential diagnosis in primary pulmonary cancer and possibilities of overcoming them." Klin. med. 32 no.12:81-82 D '54. (MLRA 8:3)

1. Starshiy nauchnyy sotrudnik Instituta onkologii Akademii meditsinskikh nauk SSSR.

(REINBERG, S.A.) (LUNGS--CANCER--DIAGNOSIS)

BARANOVA, A. G.

"Cancer of the Bronchi (Clinical-Roentgenological-Anatomical Parallels)."
Dr Med Sci, Joint Council of the Group of Leningrad Insts Acad Med Sci, Leningrad,
1955. (EL, No 17, Apr 55)

SO: SUB. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations
Defended at USSR Higher Educational Institutions (16).

BARANOVA, A.G.; UGLOV, P.G., professor

Bronchial adenoma. Khirurgiia no.8:49-52 Ag. '55. (MLRA 9:2)

1. Iz Instituta onkologii Akademii meditsinskikh nauk SSSR i kafedry gosspital'noy khirurgii i Leningradskogo meditsinskogo instituta imeni I.P. Pavlova.

(BRONCHI, neoplasms

diag. adenoma, diag., clin. aspects & surg.)

(ADENOMA

bronchi, diag. clin. aspects & surg.)

BARANOVA, A.G., doktor meditsinskikh nauk (Leningrad, Mokhovaya, 26 kv.25)

Morphology and clinico roentgenologic picture of bronchial cancer
[with summary in English]. Vop.onk. 2 no.2:160-165 '56. (MLRA 10:3)

1. Iz rentgenologicheskogo otdeleniya (zav. - prof. L.M.Gol'dshteyn)
Instituta onkologii AMN SSSR (dir. - chlen korrespondent AMN SSSR,
prof. A.I.Serebrov)

(BRONCHI, neoplasms
diag., cytol. & x-ray)

BARANOVA, A.G. (Leningrad, 28, Mokhovaya ul., d.26, kv. 25)

Clinical X-ray diagnosis of various forms of bronchial cancer [with summary in English]. Vop.onk. 2 no.5:556-562 '56. (MLRA 10:2)

1. Iz rentgenologicheskogo otdeleniya (zav. - prof. L.M.Gol'dshteyn)
Inst. onkologii AMN SSSR (dir. - chlen-korrespondent AMN SSSR prof.
A.I.Serebrov)

(BRONCHI, neoplasms
diag. of various forms)

BARANOVA, A.G.; CHERMENSKIY, Yu.V.

Significance of lateral tomography in the diagnosis of bronchial cancer [with summary in English]. Vop.onk. 3 no.5:384-589 '57.

(MIRA 11:2)

1. Iz rentgenovskogo otdeleniya (zav. - prof. L.M.Gol'dshteyn) Instituta onkologii AMN SSSR (dir. - deystv.chl. AMN SSSR prof. A.I.Serebrov). Adres avtorov: Leningrad, P.129, 2-ya Berezhovaya alleya, d.3, Institut onkologii AMN SSSR.

(BRONCHI, neoplasms
diag., lateral tomography)

EXCERPTA MEDICA Sec 16 Vol 7/1 Cancer Jan 59

160. *The roentgenological aspects of presarcomatous bone changes in rabbits (Russian text)*
CHERKASSKY L. A. and BARANOVA A. G. Inst. of Oncol. AMS, Leningrad Vopr.
Onkol. 1958, 4/3 (284-288) Illus. 6

9:10-Dimethyl-1:2-benzanthracene was injected into the proximal metaphysis of the right tibia of 45 rabbits, and all animals were subjected to periodic X-ray examination of the hind legs. The comparison of roentgenological and histological data led to the conclusion that it is not always possible to detect presarcomatous and early sarcomatous changes in the bones. Only the sudden appearance of roentgenological changes is a symptom of malignancy.

BARANOVA, Aleksandra Gavrilovna

[Diagnosis of intrathoracic tumors] Diagnostika intratorakal'nykh opukholei. Leningrad, Medgiz, 1959. 201 p.
(CHEST--TUMORS) (MIRA 13:7)

BARANOVA, A.G.

"Diagnosis of tumors and cysts of the mediastinum" by B.IA. Luk'ianchenko. Reviewed by A.G. Baranova. Vop.onk. 5 no.6:754-755 '59.

(MEDIASTINUM--TUMORS) (CYSTS) (LUK'IANCHENKO, B.IA.) (MIRA 12:12)

BARANOVA, A.G.

Gastroenterogenic cyst of the mediastinum. Vest.khir 85 no.10:
116-117 0 '60. (MIRA 13:12)
(MEDIASTINUM—TUMORS) (CYSTS)

BARANOVA, A.G.; CHERKASSKIY, L.A.

Clinical, X-ray and morphological characteristics of the giant cell bone tumor; based on materials from the Institute of Oncology of the Academy of Medical Sciences of the U.S.S.R. for the period from 1926 to 1960. Trudy Inst.onk.AMN SSSR no.4:39-58 '62.

(MIRA 15:9)

(BONES--TUMORS)

BARANOVA, A.G.; CHERKASSKIY, L.A.

Giant-cell tumor of bones. Vop. onk. 8 no.10:91-92 1972.
(MHA 17:6)
1. Iz Instituta onkologii AMN SSSR (dir. - deystvitel'nyy chlen
AMN SSSR, prof. A.I. Serebrov).

BARANOVA, A.G. (Leningrad, Mokhovaya ul., d. 26, kv.25);
CHERMINSKIY, Yu.V. (Leningrad, K-156, pr. Engel'sa, d. 28,
kv.101)

Limited organic inflammatory foci and their differential
diagnosis in distinguishing them from bronchial cancer.
Vop.onk. 9 no.2:48-53'63. (MIRA 16:9)

1. Iz rentgenovskogo otdeleniya Instituta onkologii AMN
SSSR (zav. - prof. L.M.Gol'dshteyn [deceased], dir. - dey-
stvitel'nyy chlen AMN SSSR prof. A.S.Serebrov).

*

BARANOVA, A.G. (Leningrad, Mokhovaya ul., 26, kv.25); CHERKASSKIY, L.A.
(Leningrad, S-36, Nevskiy prospekt, 128, kv.3)

So-called "variations" of the giant cell tumor of the bones. Vop.
onk. 10 no.1:63-71 '64. (MIRA 17:11)

1. Iz rentgenovskogo otdeleniya (zav. - prof. L.M. Gol'dshteyn
[deceased]) Instituta onkologii AMN SSSR (dir. - deystvitel'nyy
chlen AMN SSSR prof. A.I. Serebrov).

SEVA T' ...; DOLBHOVA, A.G.

Technization of the brick feed for repairing blast furnaces.
Dzul. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn.
inform. 18 no.7:5 J1 '65. (MIRA 18:9)

BARANOVA, A.I.

Morphology of valleys with intermittent streams in the western
Kopet Dagh foothills exemplified by the Gysaurli Valley in south-
western Turkmenia. Trudy Lab.aeromet. 5:185-192 '56. (MIRA 10:1)
(Kopet Dagh--Valleys)

BARANOVA, A.I.

History of the Caspian Sea during the Khvalynian period. Trudy Lab.
aeromet. 5:213-216 '56. (MIRA 10:1)
(Caspian Sea region--Geology, Stratigraphic)
(Aeronautics in geology)

BARANOVA, A.I.; MIROSHNICHENKO, V.P.

Brief notes on the history of the Laboratory of Aerial Methods of
the Academy of Sciences of the U.S.S.R. Izv. AN SSSR. Ser. geog. no.5:
130 S-0 '57. (MIRA 11:2)

(Photography, Aerial)

3(4)

PHASE I BOOK EXPLOITATION

SOV/1835

Akademiya nauk SSSR. Laboratoriya aerometodov

Trudy, t. 6. (Transactions of the Laboratory of Aerial Methods, USSR Academy of Sciences, Vol 6) Moscow, Izd-vo AN SSSR, 1958. 280 p. Errata slip inserted. 1,500 copies printed.

Resp. Ed.: V.P. Miroshnichenko, Candidate of Geological and Mineralogical Sciences; Ed. of publishing House: D.M. Kudritskiy; Tech. Ed.: E.Yu. Bleykh.

PURPOSE: This volume is intended for geologists, photo interpreters, or other personnel engaged in the study of landscape formations, especially from the standpoint of aerial photography.

COVERAGE: This collection of studies and brief articles treats problems in aerial photography and photo interpretation in relation to geological phenomena. The geographical area of study, with minor exceptions, is the Caspian plains and western shore. Most of the studies are well illustrated with aerial photographs. Aside from the numerous articles on geological phenomena of the Caspian basin, the following are also covered: portions of the Russian platform, the Muryunkuy sands of Central Kazakhstan, photo interpretation of clayey flats, desert vegetation and tree cover, the effective lens speed of photographic objectives, photogrammetric determination of profiles on hydro technical models, and others. No personalities are mentioned. References follow each main article.

Baranova, A.I. The Relation of Relief to Recent Tectonic Movements in Southwestern Turkmeniya

222

Using Panchromatic Film

176

Rusinov, M.M. Light Distribution Over the Field of Coverage and the Effective Lens Speed of Photographic Objectives

188

BRIEF ARTICLES

Volkov, I.A. Traces of Khvalynskoye Sea Shorelines Northwest of Station Bala-Ishen in Western Turkmeniya

203

Volkov, I.A. Origin of the Planation Surfaces of the Eastern Portion of the Malyy Balkhan (ridge)

207

Kobets, M.V. Forms of Cumulative Relief on the Malyy Balkhan

BARANOVA, A.I.

Relation between the relief and neotectonic movements in south-western Turkmenia. Trudy Lab. aeromet. 6:222-227 ' 58.

(Turkmenistan--Geology, Structural) (MIRA 12:1)

BARANOVA, A.I.

New findings of *Cardium edule* L. in the south-eastern Caspian
Sea Region. Geog.sbor. no.10:180-183 '58. (MIRA 12:1)
(Caspian Sea Region--Mollusks, Fossil)

BARANOVA, A.I.

Ravines and gulches in the region of Tsimlyansk Reservoir. Trudy
Lab. aeromet. 10:178-189 '60. (MIRA 14:1)
(Tsimlyansk Reservoir region--Erosion)
(Photographic interpretation)

BARANOVA, A.I.

Geomorphological experiment in Poland. Izv. Vses. geog. ob-va
93 no.4:337-340 J1-Ag '61. (MIRA 14:7)
(Poland--Geomorphology)

BALANOVA, A. I.

Erosional processes on the right bank of the Volgograd Reservoir and aerial methods for studying them. Izv Vses geog ob-va 96 no. 1:23-29 Ja-F '64. (MIRA 17:5)

BARANOVA, A.I.

The decomposition of wood under pyrite mining conditions. L. B. Sabinina and A. I. Baranova. *Prisposobit Truda v Gornoi Prom.* 1938, No. 1, 27-33; *Khim. Referat. Zhur.* 1, No. 7, 133-4; (1938).--The velocity of hydrolysis of wood by H_2SO_4 solns. and some sulfates contained in mine water was investigated. Sawdust was treated at 40° with solns. of 0.3 N H_2SO_4 , and of 0.3 N H_2SO_4 with the addn. of $Fe_2(SO_4)_3$ in the pure state and together with hydrolysis products. The accumulation of hydrolysis products affects the velocity of hydrolysis less than does the destruction of the easily hydrolyzed parts of the wood. Prevention of the oxidation of the hydrolysis products by air had very little effect on the results. The velocity of hydrolysis increases with the temp. (the wood material disintegrates at 90° in the mine); it is almost doubled by the addn. of 11 g. per l. of $Fe_2(SO_4)_3$ to a 0.3 N H_2SO_4 , as compared with a pure 0.3 N H_2SO_4 . It increases 25% with an increase of $Fe_2(SO_4)_3$ from 6 to 11 g. per l. The effect of Mg salts is slightly less than that of Fe salts. For the investigation of the isothermic reactions in wood materials at temp. below 100° an adiabatic calorimeter of the type of Misgava was used, and for temp. above 100° an adiabatic oven was used which has been constructed for the internal heating of the Cu pyrites. At temps. below 100° the internal heating of the sawdust is small; it increases above 100°, and at 102 M° it increases so rapidly that it leads to a spontaneous combustion. The temp. of spontaneous combustion of sawdust is lowered by acid treatment. W. R. Henn

ASH 51.4 METALLURGICAL LITERATURE CLASSIFICATION

127

BARANOV, A.T.

USSR

The mechanism of the formation of mist (of sulfuric acid) in the manufacture of sulfuric acid according to the method which uses nitrogen oxides. A. G. Anisim and A. I. Baranova. *Zhur. Priklad. Khim.* 22, 1225 (1949).
 Vapor pressures were measured along the full height of a Glover tower during ordinary runs and when the oil of vitriol (con. H_2SO_4) was drained out of the tower. The start of the supersat. and the crit. supersaturation(s) were found by the relations between pressure, temp., diffusion coeffs., and condensation surfaces as derived by Anisim (*Zhur. Fiz. Khim.* 19, No. 10 (1945)). Seven towers, having vols. of 17, 77, 55, 59, 50, 60, and 57 cu. m., resp., showed available condensation surfaces of 647, 2430, 1819, 1730, 1730, 1390, and 1420 sq. m., and the mist contained in the gases, after having passed each tower, was 14-24, 40.0, 20.1, 13.2, 7.0, 6.3, and 5.2 g./cu. m.; the gases stayed in the towers 10, 41, 31, 28, 23, 36, and 21 sec., resp. From these measurements the following conclusions were drawn. The H_2SO_4 mist formed in the Glover tower during condensation of the H_2SO_4 vapor, as this acid is in the calcining gases on the surface of the brickwork. If the amt. of acid sprinkled into the Glover tower was decreased as occurred when the crude oil of vitriol was removed, the temp. and the concn. of the acid in the tower rose, leading to a decrease in the concn. of the mist in the gases behind the Glover tower. The concn. of acid in the mist particles was higher than the concn. of the acid fed into the nozzles of the tower. The transformation of the SO_3 took place on the surface of the mist particles, therefore during the manuf. the no. of mist particles and the concn. of the mist per se should be increased in the first tower where the process of acid formation takes place. Werner Jacobson

Mbr., Lab. Contact Sulfuric Acid, Sci. Inst., Fertilizers and Insectofungicides,
 -c.1949-.

USSR/Chemical Technology - Chemical Products and Their Application. Sulfuric Acid, Sulfur and Its Compounds, I-2

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 62063

Author: Amelin, A. G., Baranova, A. I., Vasil'yev, B. T.

Institution: None

Title: Production of Sulfuric Acid by the Wet Catalytic Method

Original

Periodical: Khim. prom-st', 1955, No 8, 453-457

Abstract: Results of laboratory and semiindustrial scale experiments on condensation of SO_3 and H_2O in scrubber apparatus (SA). In unit of output capacity of 2 t/day gases containing 6.5% SO_3 and 9% H_2O passed successively through 3 vertical SA fitted with cooling devices; degree of condensation was 99.8%; concentration of H_2SO_4 (I) in first SA 95.5%. Condensator with output capacity 10 t/day consisted of horizontal steel drum with acid-resistant lining, divided in 3 chambers by 2 partitions through which the gases passed in succession, bubbling through I flowing countercurrently from one

Card 1/2

USSR/Chemical Technology - Chemical Products and Their Application. Sulfuric Acid, Sulfur and Its Compounds, I-2

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 62063

Abstract: chamber to another through openings in the partitions. To lower the temperature water was fed into the chambers and due to high temperature of acid this water evaporated absorbing a large amount of heat; water vapor was discharged to atmosphere with the vent gases; condensation I 99.2-99.5%. Because of uneven cooling of gases (for instance at walls or on disruption of operation temperature conditions) the resulting mist must be recovered by electric precipitation following which total condensation I reaches 99.8-99.9%. On condensation of I in packed tower with I counterflow, a I mist is formed which is recovered in electric precipitation unit. There is presented a diagram of an industrial installation for the production of 92.5-95% I from H_2S by the wet catalytic method. See also Referat Zhur - Khimiya, 1956, 55003; 55004.

Card 2/2

BARANOVA, A. I., Cand Tech Sci -- (diss) "Condensation of sulfuric acid in apparatuses of the bubbler type without use of ^{the device} ~~coolers~~." [Mos], 1958. 18 pp (State Committee of ~~the~~ Council of Ministers USSR for Chemistry, Sci Inst ~~for~~ Fertilizers and Insectofungicides im Prof Ya. V. Samoylov) (KL, 35-58, 107)

BARANOVA, A. I.

Partial pressures of sulfuric acid and water vapors over sulfuric
acid. Zhur. prikl. khim. 31 no.2:167-178 F '58. (MIRA 11:5)
(Sulfuric acid) (Water) (Vapor pressure)

PETROV, M.A.; NORMAN, E.A.; VOLODIN, A.P.; DENISOV, V.A.;
KOCHKONOGOV, V.P.; BEGAM, L.G.; BARANOV, M.A.; TAVLINOV,
V.K.; YENIKEYEV, G.Sh.; BARANOVA, A.I.; KUDRYAVTSEV,
G.P.; MALYAVSKIY, B.K.; CHEGODAYEV, N.N.; SURIN, V.S.;
GONIKBERG, I.V., retsenzent; ENGEL'KE, V.A., retsenzent;
KHRAPKOV, V.A., retsenzent; AL'PERT, G.A., retsenzent;
ALEKSEYEV, B.N., retsenzent; SKLYAROV, A.A., retsenzent
ALEKSEYEV, Ye.P., retsenzent

[Railroad surveying; reference and methodological hand-
book] Izyskaniia zheleznikh dorog; spravochnoe i metodi-
cheskoe rukovodstvo. Moskva, Transport, 1964. 495 p.
(MIRA 18:1)

1. Babushkin. Vsesoyuznyy nauchno-issledovatel'skiy in-
stitut transportnogo stroitel'stva. 2. Leningradskiy go-
sudarstvennyy proyektno-izyskatel'skiy institut Gosudar-
stvennogo proizvodstvennogo komiteta po transportnomu
stroitel'stvu SSSR (for Gonikberg, Engel'ke, Khrapkov).
3. Sibirskiy gosudarstvennyy proyektno-izyskatel'skiy in-
stitut Gosudarstvennogo proizvodstvennogo komiteta po
transportnomu stroitel'stvu SSSR (for Alekseyev, YeP.).
4. Moskovskiy gosudarstvennyy proyektno-izyskatel'skiy
institut Gosudarstvennogo proizvodstvennogo komiteta po
transportnomu stroitel'stvu SSSR (for Al'pert).

L 26759-66 FBD/EWT(1)/EWT(m)/EEC(k)-2/T/ENP(k)/EWA(h) IJP(c) WG/JD/JG

ACC NR: AP6012457

SOURCE CODE: UR/0181/66/008/004/1028/1034

AUTHOR: Kryukova, I. V.; Mirgalovskaya, M. S.; Karnaukhov, V. G.; Baranova, A. M.;
Strel'nikova, I. A.

ORG: none

TITLE: Some features of coherent emission of gallium antimonide laser diodes

SOURCE: Fizika tverdogo tela, v. 8, no. 4, 1966, 1028-1034

TOPIC TAGS: gallium antimonide, laser emission, pn junction, laser, laser diode

ABSTRACT: This is a continuation of an earlier study of laser effects in diffusion GaSb p-n junctions (FTT v. 7, 342, 1965). The present study was made with drawn p-n junctions with the aim of determining in greater detail the features of their emission and to explain why diffusion p-n junctions have a lower efficiency than drawn junctions. The junctions were produced in a crystal grown by the Czochralski method. The p-n junction plane was perpendicular to the crystallographic $\langle 111 \rangle$ direction and the Fabry-Perot diode structure was produced by optical polishing. The diode dimensions were $0.4 \times 0.5 \times 0.5$ mm. The measurements were made at 77K with the radiation produced both at large current densities (pulsed mode, pulse duration 1 μ sec) and at low densities (dc). At low current densities the emission spectra of the investigated p-n junctions consisted of a single broad line with a maximum noticeably shifted toward the long wave length side compared with the width of the forbidden band of GaSb (0.80 eV). At larger currents, the radiation peak shifted toward the short wave length side

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I 26759-66

ACC NR: AP6012457

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(0.76—0.78 eV), with a maximum half-width of the spectral line of 0.5×10^{-3} eV and threshold current densities of 3×10^3 — 1.2×10^4 amp/cm². Although the results indicate conclusively that a laser action was produced in these junctions, the low resolution of the apparatus did not make it possible to observe the possible oscillation modes. Reduction of the temperature (to that of liquid helium) did not produce a noticeable change in the radiation parameters. Several arguments are advanced in favor of the hypothesis that states situated in the forbidden band participate in the stimulated transitions. The dependence of the shift of the radiation peak and of the width of the spectral line at different injection levels is analyzed and it is indicated that the reason why the previously investigated diffusion p-n junction had worse laser parameters is due to the lower degree of doping attained by the diffusion process and to a different character of the impurity distribution in the two types of junctions. There is also a difference in the recombination mechanism in the two junctions. The authors thank B. M. Vul for a discussion of the results and P. G. Yeliseyev and V. I. Shveykin for useful advice. Orig. art. has: 6 figures. [02]

SUB CODE: 20/ SUBM DATE: 07Aug65/ ORIG REF: 003/ OTH REF: 013/
ATD PRESS: 4258

Card 2/2 11

IL'IN, I.I., kand.med.nauk; BARANOVA, A.N.; BORISOVA, L.I. (Sevastopol').

Once more on the detection of non-syphilitic spirochetes in
regional lymph nodes. Vest. dermat. i ven. 37 no.7:78-79 JI'63
(MIRA 16:12)

BARANOVA, A. P.

Baranova, A. P. -- "Blood Vessels of the Vermiform Appendix in the Normal Organism and in the Presence of Inflammation." Molotov State Med Inst, Molotov, 1955 (Dissertation for the Degree of Candidate in Medical Sciences)

SO: Knizhnaya Letopis', No. 24, Moscow, Jun 25, pp 91-104

BARANOVA, A.P., kand. sel'skokhoz. nauk

Effect of rootstock pollinizers on the growth and yield of
seedlings in nurseries. Agrobiologiya no.3:456-458 My-Je
'65. (MIRA 18:11)

1. Plodovoshchnyy institut imeni I.V.Michurina, g.
Michurinsk.

BARANOVA, A. P.

Country : USSR

M

Category: Cultivated Plants. Fruit. Berries.

Iss Jour: RZhBiol., No 11, 1956, No 49113

Author : Baranova, A.P.

Inst : -

Title : Distribution of Cherry and Plum Varieties in
Orchards.

Orig Pub: Sad i ogorod, 1957, No 6, 51-53

Abstract: This article describes studies on 14 varieties of cherry and 8 varieties of plum, which were divided into the following groups: self-sterile, partially self-fertile and self-fertile. Data are cited on the setting of fruit with self-pollination and with free cross pollination ac-

Card : 1/2

USSR / Human and Animal Morphology (Normal and
Pathological). Arterio-Vascular
System. Vessels.

8

Abs Jour : Ref. Zhur - Biologiya, No. 3, 1959, 12319

Author : Baranova, A. P.

Inst : -

Title : Blood Vessels of the Vermiform Process in
Normality and in Inflammation

Orig Pub : V sb.: Ostryy appenditsit, tromboflebit i
nekotoryye vopr. plast. khirurgii. Kuybyshev,
1958, 130-134

Abstract : On specimens of 15 normal and 72 pathologically
changed (catarrhal, phlegmonous, gangrenous and
chronic appendices) human vermiform processes
(VP), it was shown that in inflammations of VP the
changes of the blood vessels begin in the mucosa

Card 1/3

USSR / Human and Animal Morphology (Normal and
Pathological). Arterio-Vascular
System. Vessels.

S

Abs Jour : Ref. Zhur - Biologiya, No. 5, 1959, 12319

of the thinnest branches. In one and the same
VP, various forms of vessel changes, character-
istic for definite types and stages of the inflam-
mation, are found. In catarrhal inflammation of
VP, moderate decrease of sinosity of arteries,
enlargement and deformation of veins are observed;
in phlegmonous, a more noticeable decrease of
sinosity of arteries, interruptions and destruc-
tion of the thinnest network, sharp enlargement
and deformation of veins, sometimes their inter-
ruption; in gangrenous, a sharp decrease of the
amount of particularly small arteries, loss of
sinosity by the arteries, their destruction,

Card 2/3

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